GOVERNMENT OF INDIA
RURAL DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:3091
ANSWERED ON:17.12.2015
Geo Spatial Technologies
Kalvakuntla Smt. Kavitha

Will the Minister of RURAL DEVELOPMENT be pleased to state:

(a) the details of the progress made in the development of the Geo Spatial Technologies by the Government for Geo Informatics Application in Rural Development (C-GARD) under the National Institute of Rural Development; and

(b) the manner and extent to which the above programme is likely to be beneficial for activities like resource planning in villages, conservation practices etc?

Answer

MINITER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT
(SHRI SUDARSHAN BHAGAT)

(a): Geo Informatics Application in Rural Development (C-GARD) under National Institute of Rural Development & Panchayati Raj (NIRD & PR) has designed and developed customised web based e-Detailed Project Report (e-DPR) and Geohydrology Software for Integrated Watershed Management Programme (IWMP) Watershed planning for all States; Mobile based Asset Capturing for Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS); Mobile based Agro advisory support for farmers; Agro-climatic Planning and Information Bank (APIB); Geo-informatics based Monitoring and Evaluation of Watersheds; Geo-informatics based Evaluation of MGNREGS Projects, Geographical Information System (GIS) based village information and Decision Support System; undertaken has research on Rural Energy Balance in different Agro Ecological regions and developed Digital Core Network for Pradhan Mantri Gram Sadak Yojana (PMGSY).

(b): Through the above applications, natural resources can be monitored, managed and conserved in optimal, judicious, sustainable and scientific manner. These technologies also help in determining crop suitability, appropriate land use practices, and wasteland management.

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